

Amendment under 37 C.F.R. § 1.116
U.S. Application No. 10/671,481

AMENDMENTS TO THE DRAWINGS

Applicant submits herewith two replacement sheets of formal drawings for Figures 2 and 3, as requested by the Examiner.

Attachment: Two Replacement Sheets

REMARKS

Claims 1-19 have been examined.

I. Preliminary Matters

The Examiner has objected to the drawings. In particular, the Examiner maintains that none of the figures depict the “radio wave” communication between the contactless IC device and the external equipment, as recited in at least claim 1. The undersigned contacted the Examiner on August 10, 2006 to discuss this issue. In Figure 2, the Examiner would like the dashed lines, from the mobile terminal 1 to the reader/writer 2, changed to a wavy line similar to the line between the mobile terminal 1 and the base station 3. The Examiner has requested a similar change in Figure 3. Accordingly, Applicant submits herewith two formal replacement sheets for Figures 2 and 3. Applicant submits that the amendments are made in response to the Examiner’s specific request, do not add any new matter and should not be used to narrow the scope of the claims.

II. Rejections under 35 U.S.C. § 103(a) in view of U.S. Patent No. 6,973,327 to Seita (“Seita”) in view of U.S. Pub. No. 2002/0119788 to Parupudi et al. (“Parupudi”)

The Examiner has rejected claims 1-4, 7-10, 13-16 and 19 under 35 U.S.C. § 103(a) in view of Seita and Parupudi.

A. Claim 1

Applicant submits that claim 1 is patentable over the cited references. For example, claim 1 recites a contactless IC (integrated circuit) device for use in communicating with external

equipment by radio waves, accumulating authentication information from a higher-level apparatus, and transmitting the authentication information to the external equipment. Claim 1 further recites that specified functions of the mobile terminal apparatus are enabled or disabled according to information received from the external equipment through the contactless IC device after the external equipment checks the authentication information received from the contactless IC device.

Applicant submits that Seita and Parupudi fail to teach or suggest the claimed invention. For example, although Seita is directed to a contactless IC device provided in a mobile terminal, Seita is concerned with the proper placement of an IC chip and IC card antenna to minimize the thickness of mobile phones without compromising the communication range of the IC card antenna (Abstract; col. 3, line 61 to col. 4, line 47). Seita fails to teach or suggest that its control section, such as control section 80 of Figure 6, *enables or disables specified functions of the mobile terminal according to information received through the contactless IC chip/antenna*, as set forth in claim 1.

The Examiner currently cites to Parupudi to cure the deficient teachings of Seita. As set forth in the Abstract and at least paragraphs [0157] and [0158] of Parupudi, cellular phones are configured to wirelessly receive information pertaining to their current location. Based on the location, one or more behaviors of the phone are modified. Applicant submits, however, that neither Seita nor Parupudi disclose a contactless IC device that transmits *authentication information* to external equipment, where the specified functions of the mobile terminal apparatus are enabled or disabled after the external apparatus checks the authentication

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information received from the contactless IC device, as recited in claim 1. In the present invention, Applicant submits that only a mobile terminal apparatus of a user entering a specific institution can automatically be set in a specific mode.

At least based on the foregoing, Applicant submits that claim 1 is patentable over the cited references.

B. Claims 2-4

Since claims 2-4 are dependent upon claim 1, Applicant submits that such claims are patentable at least by virtue of their dependency.

C. Claims 7, 13 and 19

Since claims 7, 13 and 19 contain features that are analogous to the features discussed above for claim 1, Applicant submits that claims 7, 13 and 19 are patentable for at least analogous reasons as claim 1.

D. Claims 8-10 and 14-16

Since claims 8-10 and 14-16 are dependent upon one of claims 7 or 13, Applicant submits that such claims are patentable at least by virtue of their dependency.

III. Rejections under 35 U.S.C. § 103(a) in view of Seita, Parupudi and U.S. Patent No. 7,031,945 to Donner (“Donner”)

The Examiner has rejected claims 5, 11 and 17 under 35 U.S.C. § 103(a) in view of Seita, Parupudi and Donner. However, since claims 5, 11 and 17 are dependent upon one of claims 1, 7 and 13 and Donner fails to cure the deficient teachings of Seita and Parupudi, in regard to claims 1, 7 and 13, Applicant submits that claims 5, 11 and 17 are patentable at least by virtue of their dependency.

IV. Rejections under 35 U.S.C. § 103(a) in view of Seita, Parupudi and U.S. Publication No. 2002/0028674 to Slettengren (“Slettengren”)

The Examiner has rejected claims 6, 12 and 18 under 35 U.S.C. § 103(a) in view of Seita, Parupudi and Slettengren. However, since claims 6, 12 and 18 are dependent upon one of claims 1, 7 and 13 and Slettengren fails to cure the deficient teachings of Seita and Parupudi, in regard to claims 1, 7 and 13, Applicant submits that claims 6, 12 and 18 are patentable at least by virtue of their dependency.

V. Conclusion

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the

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Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

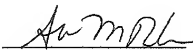
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